PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

| Applicants or agent's file r | | FOR FURTHER ACTION | as well | see Form PCT/ISA/220 t as, where applicable, item 5 below. |
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| DAS/P/76516.WO/S International application N | | international filing date (day/mor | th/year) | (Earliest) Priority Date (day/month/year) |
| PCT/IB2004/0036 | 74 | 10/11/200 | 1 | 10/11/2003 |
| Applicant | | | | |
| MELEXIS NV | | | | |
| This International Search according to Article 18. | n Report has bee A copy is being to | en prepared by this International Se ansmitted to the International Bure | arching Aut au. | hority and is transmitted to the applicant |
| This international Search | n Report consists | s of a total ofs | heets. | · |
| | | y a copy of each prior art documen | cited in this | report. |
| Basis of the report With regard to the anguage in which | e language, the | nitemational search was carried onless otherwise indicated under this | ut on the ba item. | Isis of the international application in the |
| | The internationa this Authority (Ri | I search was carried out on the basule 23.1(b)). | ls of a trans | lation of the international application fumished to |
| b. With reg | ard to any nucle | neupea bica conima ro/bna ebitoe | e disclosed | d in the international application, see Box No. I. |
| 2. Certain | claims were for | und unsearchable (See Box II). | | |
| 3. Unity of | f invention is la | cking (see Box III). | | |
| 4. With regard to the ti | | | | |
| | | submitted by the applicant. | | |
| the text | has been establ | shed by this Authority to read as fo | llOW5; | |
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| 5. With regard to the a | bstract, | | | • |
| | | submitted by the applicant. | | |
| X the text may, wi | has been establ thin one month f | ished, according to Rule 38.2(b), b rom the date of malling of this Inter | this Authorational sea tational sea | rity as it appears in Box No. IV. The applicant rch report, submit comments to this Authority. |
| 6. With regard to the d | | | | |
| a. the figure of the | | published with the abstract is Figu | re No1_ | |
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Form PCT/ISA/210 (first ::heet) (January 2004)

International application No.

INTERNATIONAL SEARCH REPORT

PCT/IB2004/003674

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

An optical data transceiver (100) comprises an integrated circuit (101), having provided on one side thereof a light sensing or light emitting means (104). A reflecting and receiving means (102), is mounted on the same surface of integrated circuit (101) as the light sensing or emitting means (104). The reflector means is open at both ends and has shaped and reflective internal surfaces (103). The reflecting and receiving means (102) is adapted at one end to receive a Plastic Optical Fibre (POF) (150) into connection therewith and at the other end is aligned with the light sensing or emitting means (104). In this way, the reflecting and receiving means is operable to direct light proceeding from the end of the fibre (150) to the light sensing means (104), or direct light from the light emitting means (104) to the end of the fibre (150), and is further operable to retain the POF (150) in position relative to the light sensing or emitting means (104).

Form PCT/ISA/210 (com.nuation of first sheet (3)) (January 2004)

INTERNATIONAL SEARCH REPORT

International Application No PCT/IB2004/00367

PCT/IB2004/003674 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G0286/42 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum cocumentation searched (classification system followed by classification symbols) IPC 7 G02B F01L Documentiation searched off-er than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with Indication, where appropriate, of the relevant passages Relevant to claim No. X WO 02/054129 A1 (KRAGL, HANS) 11 July 2002 (2002-07-11) 6-14,19,21-24 pages 9-11 5,15-18. Υ figures 1a,4,5 20,30-42 US 5 764 832 A (TABUCHI ET AL) 1-3,6-9, 9 June 1998 (1998-06-09) 25-29 column 13, lines 11-23 column 15, line 18 - column 16, line 25 figures 21,22 Υ US 5 337 398 A (BENZONI ET AL) 30-34, 9 August 1994 (1994-08-09) 40-42 column 7, lines 16-62 figure 12 -/---Further documents are listed in the continuation of box C. Patent family members are listed in annex. X Special categories of cited documents: *T* later document published after the international tiling date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of perticular relevance 'E' earlier document but published on or after the international "X" document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. 'O' document referring to an oral disclosure, use, exhibition or other means document published prior to the international filling date but tater han the priority date claimed "&" document member of the same patent family Date of the actual completion of the International search Date of mailing of the international search report 27 January 2005 04/02/2005 Name and mailing address of the ISA Authorized officer European Falent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV R#sw/k
Tel. (+31-7-)) 340-2040, Tx. 31 651 epo nl. Kloppenburg, M Fax: (+31= 0) 340-3016

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International Application No
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